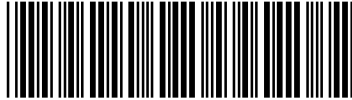



|                                                                                                                        |                                                |                                                                  |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|
| <b><i>Index of Claims</i></b><br><br> | <b>Application/Control No.</b><br><br>10543143 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>KIM ET AL. |
|                                                                                                                        | <b>Examiner</b><br><br>SAMUEL CANDLER          | <b>Art Unit</b><br><br>3739                                      |

|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input type="checkbox"/> <b>Claims renumbered in the same order as presented by applicant</b> |          | <input type="checkbox"/> <b>CPA</b> |            | <input type="checkbox"/> <b>T.D.</b> |            | <input type="checkbox"/> <b>R.1.47</b> |            |            |  |  |
|-----------------------------------------------------------------------------------------------|----------|-------------------------------------|------------|--------------------------------------|------------|----------------------------------------|------------|------------|--|--|
| CLAIM                                                                                         |          | DATE                                |            |                                      |            |                                        |            |            |  |  |
| Final                                                                                         | Original | 11/24/2008                          | 03/11/2009 | 09/28/2009                           | 03/02/2010 | 08/09/2010                             | 12/08/2010 | 05/15/2011 |  |  |
| 1                                                                                             | 1        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 2                                                                                             | 2        | ÷                                   | ✓          | ✓                                    | ✓          | -                                      | -          | -          |  |  |
| 3                                                                                             | 3        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 4                                                                                             | 4        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 5                                                                                             | 5        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 6                                                                                             | 6        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 7                                                                                             | 7        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 8                                                                                             | 8        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 9                                                                                             | 9        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 10                                                                                            | 10       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 11                                                                                            | 11       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 12                                                                                            | 12       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 13                                                                                            | 13       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 14                                                                                            | 14       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 15                                                                                            | 15       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 16                                                                                            | 16       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 17                                                                                            | 17       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 18                                                                                            | 18       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 19                                                                                            | 19       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 20                                                                                            | 20       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 21                                                                                            | 21       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 22                                                                                            | 22       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 23                                                                                            | 23       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 24                                                                                            | 24       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 25                                                                                            | 25       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 26                                                                                            | 26       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 27                                                                                            | 27       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 28                                                                                            | 28       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 29                                                                                            | 29       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 30                                                                                            | 30       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 31                                                                                            | 31       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 32                                                                                            | 32       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 33                                                                                            | 33       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 34                                                                                            | 34       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 35                                                                                            | 35       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 36                                                                                            | 36       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |

|                                                                                                                        |                                                |                                                                  |
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|                                                                                                                        | <b>Examiner</b><br><br>SAMUEL CANDLER          | <b>Art Unit</b><br><br>3739                                      |

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|-----------------------------------------------------------------------------------------------|----------|-------------------------------------|------------|--------------------------------------|------------|----------------------------------------|------------|------------|--|--|
| CLAIM                                                                                         |          | DATE                                |            |                                      |            |                                        |            |            |  |  |
| Final                                                                                         | Original | 11/24/2008                          | 03/11/2009 | 09/28/2009                           | 03/02/2010 | 08/09/2010                             | 12/08/2010 | 05/15/2011 |  |  |
| 37                                                                                            | 37       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 38                                                                                            | 38       | ÷                                   | N          | N                                    | N          | -                                      | -          | -          |  |  |
| 39                                                                                            | 39       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 40                                                                                            | 40       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | O          |  |  |
| 41                                                                                            | 41       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 42                                                                                            | 42       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 43                                                                                            |          |                                     |            |                                      | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 44                                                                                            |          |                                     |            |                                      | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 45                                                                                            |          |                                     |            |                                      | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 46                                                                                            |          |                                     |            |                                      | ✓          | ✓                                      | ✓          | ✓          |  |  |
| 47                                                                                            |          |                                     |            |                                      |            |                                        |            | O          |  |  |
| 48                                                                                            |          |                                     |            |                                      |            |                                        |            | O          |  |  |